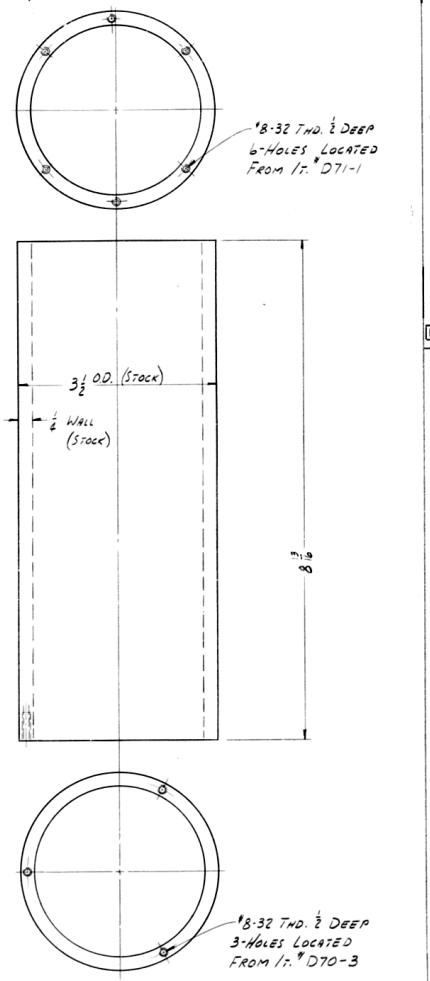
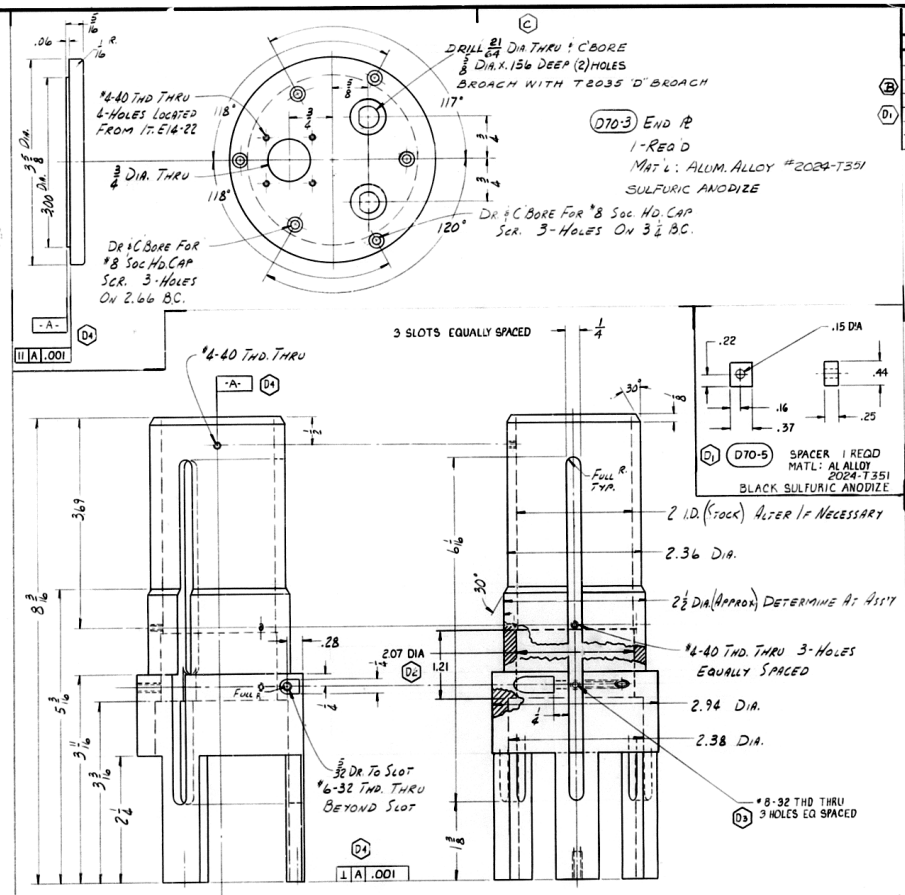
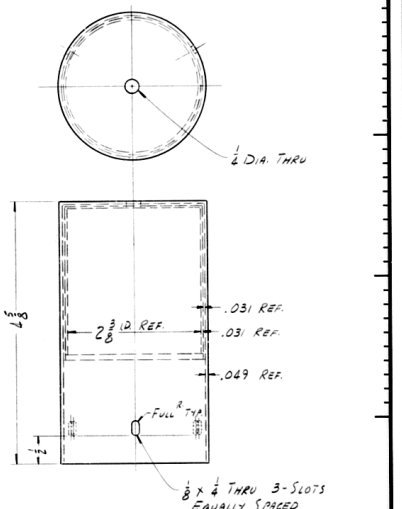


D70-1 TUBE TUBE
1-REQ'D
MAT'L: ALUM. ALLOY #2024-T3 ROUND DRAWN TUBE 3½ O.D. x ¼ WALL
SULFURIC ANODIZE

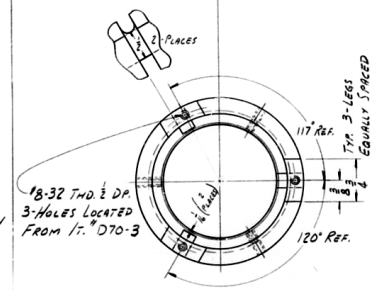


D70-3 END PL
1-REQ'D
MAT'L: ALUM. ALLOY #2024-T351
SULFURIC ANODIZE

D1 D70-5 SPACER 1 REQD
MATL: AL ALLOY 2024-T351
BLACK SULFURIC ANODIZE



D70-4 SHIELD
1-REQ'D
MAT'L: MAKE FROM PERFECTION MICA CO. #23P65VI PHOTOMULTIPLIER MAGNETIC SHIELD



D70-2 TUBE HOLDER
1-REQ'D
MAT'L: ALUM. ALLOY #2024-T3 ROUND DRAWN TUBE 3 O.D. x ½ WALL
BLACK SULFURIC ANODIZE

NOTES: 1. REMOVE ALL BURRS & SHARP EDGES UNLESS OTHERWISE SPECIFIED
2. ALL DIM'S APPLY AFTER PROTECTIVE FINISHES.

BILL OF MATERIAL

SIZES OF MATERIAL NOTED DO NOT INCLUDE STOCK ALLOWANCE FOR MACHINING AND CUTTING OFF EXCEPT AS NOTED. THE SIZE SPECIFIES THE MATERIAL REQUIRED FOR ONE PIECE ONLY. QUANTITIES NOTED ARE THE TOTAL NUMBER REQUIRED.

ITEM	DWG. NO.	QTY.	MATERIAL	DESCRIPTION	WEIGHT
D70-1		1	ALUM ALLOY #2024-T3	ROUND DRAWN TUBE 3½ OD x ¼ WALL	
2		1	" " " "	" " " 3 O.D. x ½ WALL	
B 3		1	" " " "	3⅜ DIA. x 5/16	
4		1	PERFECTION MICA Co. #23P65VI	PHOTOMULTIPLIER MAGNETIC SHIELD	
D1 5		1	ALUM ALLOY 2024-T351	SPACER	

FOR ASSEMBLY SEE 2028.01-E14

REF. FILE 2090

D4	ADDED GEOMETRIC TOL.			
D3	ADDED HOLE CALLOUT			
D2	ADDED 2.07 DIA & 1.21 DIM			
D1	ADDED ITEM D70-5	OTBO	3-1-72	80 JS
C	'D' HOLE	0685	2-26-71	RAC/AH
	ALTERED D70-3 TO BROACH			
B	REV. AS BUILT	0485	5-22-70	RAC/AH
A	REV. AS BUILT	0301	7-10-68	RAC/AH
QUANT.	PRINT RECORD DATE	NO.	REVISION ECR	DATE BY

TOLERANCES UNLESS OTHERWISE NOTED.
FRACTIONAL FABRICATION: UP TO 10" ± 1/16"; 10" TO 90" ± 1/8"; 90" & OVER ± 1/2%
MACHINING: UP TO 18" ± .015; 18" TO 30" ± .020; 30" & OVER ± .060
DECIMAL 00.00 ± .010, 00.000 ± .005; ANGLES ± 0°-15'
UNLESS OTHERWISE NOTED MACHINED SURFACES TO HAVE ▽ FINISH

KITT PEAK NATIONAL OBSERVATORY
OPERATED BY THE ASSOCIATION OF UNIVERSITIES FOR RESEARCH IN ASTRONOMY, INC. UNDER CONTRACT WITH NATIONAL SCIENCE FOUNDATION

84 TELESCOPE -- CASSEGRAIN SPECTROGRAPH
NAME -- DETAILS -- EXPOSURE METER
SCALE FULL
PRINT ISSUED

DRAWING BY	DATE	APPROVED BY	DATE
PETER	4-19-67	[illegible]	4-19-67
CHECKED BY	DATE	APPROVED BY	DATE
PETER	4-19-67		
SUPERV. BY	DATE	APPROVED BY	DATE
[illegible]	4/19/67		

DRAWING NUMBER 2028.01-D 70 REV. D